

THE FENNOSCANDIAN SYMPOSIUM, 1979

organized by

THE CO-ORDINATING COMMITTEE FOR PERIGLACIAL RESEARCH OF THE I.G.U.

It was decided at the Aberystwyth Symposium, July 1975 (*Biuletyn Peryglacjalny*, 26, 1976) that a symposium of the Co-ordinating Committee for Periglacial Research of the International Geographical Union will be held in northernmost Finland and Norway in 1979. The colleagues, Prof. Dr. HARALD SVENSSON (University of Copenhagen), Dr. RICHARD ÅHMAN (University of Lund), and Assoc. Prof. Dr. MATTI SEPPÄLÄ (University of Helsinki), who have done research work in the region, took care of the organization of the symposium and field excursions.

The field conference started from the airport of Ivalo, Finland, (68°36'N, 27°26'E) on 1st of September, 1979, by bus to the north to Kevo Subarctic Research Station (69°45'N, 27°01'E) owned by the University of Turku. There the group spent three nights. Some field trips were made in the surroundings of the station, where the official meetings of the Committee and the paper sessions were organized.

LIST OF PAPERS PRESENTED

- R. ÅHMAN: Climatic conditions for the occurrence of palsas in northern Norway
- J. ÅKERMAN: Studies on wind action in the Icefjord area, Westspitsbergen
- O. FERRIANS: Pingos in Northeastern Alaska
- P. GANGLOFF: Phénomènes d'altération périglaciaire holocène dans la région de la baie d'Ungava
- J. GRIMBÉRIEUX: Vallées sèches asymétriques d'origine périglaciaire en Hesbaye, Belgique
- P. HAESAERTS: Contexte chronostratigraphique de quelques phénomènes périglaciaires des dépôts limoneux de Belgique
- S. A. HARRIS: Distribution of zonal permafrost landforms with freezing and thawing indices
- J. KARTE: The development and present state of German periglacial research in arctic and alpine environments
- R. LANGOHR: Soils with „degraded” Bt horizon in Belgium — relationship with paleoperiglacial processes
- G. de MOORE: Pillar channels, a syngenetic periglacial structure in Pleistocene coarse terrace deposits

- E. PAULISSEN, R. PAEPE: Geomorphological contribution to the postglacial evolution of Lower Taylor Valley (Antarctica)
- A. PISSART: Deformation due to alternating freeze-thaw of cylinders of loess sunk in gravel
- M. SEPPÄLÄ: Present-day periglacial morphological phenomena in northern Finland
- H. SVENSSON: Some aspects concerning age determination of fossil ice-wedge polygons in Nordic areas
- A. SZEKELY: The types of periglacial forms and processes in the Hungarian Central Mountains, in relation to rock differences
- B. VAN VLIET: Correlation between fragipans and permafrost — with special reference to Vistulian silty deposits in Belgium and northern France
- E. WATSON: Some problems of the permafrost map of W. Europe during the Vistula Cold Period

On 4th of September the group moved along the Tana river valley to Karlebotn boarding school (70°07'N, 28°40'E) in the inner part of the Varangerfjord, Norway. From there were made several field trips into the Varanger peninsula for the demonstration and discussion of periglacial features.

On 7th of September the excursion continued to Lakselv and on 8th of September from Lakselv back to Ivalo.

During the excursion some 1500 km were travelled by bus.

On 9th of September most participants flew back home from the colourful Lappish autumn.

The routes of the field trips and some interesting excursion localities are presented separately in this volume (p. 261 — 273) as a shortened guide.

Altogether 34 scientists interested in periglacial studies from 13 different countries participated in the symposium and excursion.

LIST OF PARTICIPANTS

RICHARD ÅHMAN, Lund	ROGER LANGOHR, Brussels
JONAS ÅKERMAN, Lund	G. C. MAARLEVELD, Ede
BODIL DUE ANDERSEN, Copenhagen	B. MALMSTRÖM, Lund
OSCAR J. FERRIANS, Menlo Park	GUY de MOOR, Gent
HUGH M. FRENCH, Ottawa	OWE PALMÉR, Lund
PAUL FOGELBERG, Helsinki	ETIENNE PAULISSEN, Leuven
PIERRE GANGLOFF, Montreal	ALBERT PISSART, Liège
JEAN GRIMBÉRIEUX, Liège	MATTI SEPPÄLÄ, Helsinki
PAUL HAESAERTS, Brussels	J. L. SOLLID, Oslo
OLE HUMLUM, Copenhagen	HARALD SVENSSON, Copenhagen
BRIGIT S. JUSTESEN, Copenhagen	ANDRÁS SZÉKELY, Budapest
JOHANNES KARTE, Bochum	BRIGIT VAN VLIET-LANOË, Vandaeuvre

KJELL KJENSTAD, Oslo

ZBIGNIEW KLAJNERT, Łódź

ELSE KOLSTRUP, Copenhagen

JEAN PIERRE LAUTRIDOU, Caen

EDWARD WATSON, Aberystwyth

SYBIL WATSON, Aberystwyth

TORE WATTERDAL, Oslo

JADWIGA WIECZORKOWSKA, Łódź

We wish to express our gratitude to the Committee which gave us the opportunity to organize the meeting, to the University of Turku which allowed us to use its field station at Kevo, to Nordic Culture Fund for financial support, to all participants who made the conference so agreeable, and to Professor ANNA DYLIKOWA, editor of the *Biuletyn Peryglacjalny*, for publishing the proceedings of the symposium.

RICHARD ÅHMAN

MATTI SEPPÄLÄ

HARALD SVENSSON